

ABSTRACT

Instrumentation for implanting an intervertebral disc replacement device includes a drill guide comprising a shaft having a proximal end and a distal end and a guide member disposed at the distal end of the shaft and operable to engage an insertion plate that maintains first and second members of an intervertebral disc replacement device in registration with one another for insertion into an intervertebral disc space of a spinal column, wherein the guide member includes at least one guide bore operable to align with an area of a vertebral bone of the intervertebral disc space to which one of the first and second members of the intervertebral disc replacement device is to be attached. The invention also comprising a method for replacing at least a portion of an intervertebral disc in a spinal column, comprising the steps of removing the portion of the intervertebral disc from the spinal column, inserting first and second members of an intervertebral disc replacement device into an intervertebral disc space of the spinal column, attaching a drill guide to the insertion plate, inserting a drill bit through at least one guide bore of the guide member to align the drill bit with an area of a vertebral bone of the intervertebral disc space to which one of the first and second members of the intervertebral disc replacement device is to be attached, and drilling the vertebral bone.